

# California Condors in AZ/UT by Tag #

As of 7/10/13: 65 free-flying wild condors in AZ/UT

Birds currently in captivity or of unknown status in *italics*, **breeding or formerly breeding birds** & **wild-hatched birds** in **bold**.

Tag#	SB#	Age in 2013	Sex	Bred At:	Release/Fledge Year*	Comments
<b>None</b>	<b>114</b>	18	M	SDWAP	1997	
A4	334	9	M	WCBP	2006	
<b>A6</b>	<b>346</b>	9	F	WCBP	2005	Mate with 158; est hatch date 21 May, Chick <b>720</b>
A9	349	9	M	WCBP	2005	
E3	423	7	M	LAZ	2007	
<b>F1</b>	<b>441</b>	6	M	TapeatsCr	2007	
F3	453	6	F	LAZ	2009	
H9	496	5	F	Portland	2011	
J1	521	4	F	WCBP	2011	
J2	520	4	M	SDWAP	2010	
J3	523	4	M	WCBP	2011	
J6	516	4	F	Portland	2011	
J4	541	4	F	WCBP	2011	
J7	537	4	F	LAZ	2010	
K6	586	3	M	WCBP	2012	
L3	593	2	F	Portland	2012	
<b>L4</b>	<b>634</b>	2	F	Battleship	2011	
<b>-7</b>	<b>287</b>	11	M	SDWAP	2005	

Tag#	SB#	Age in 2012	Sex	Bred At:	Release/Fledge Year*	Comments
35	435	6	M	Portland	2010	
37	337	9	M	WCBP	2006	
<b>41</b>	<b>241</b>	12	F	WCBP	2002	Part of "Kaibab trio"; 1 <sup>st</sup> egg predated by ravens, 2 <sup>nd</sup> egg confirmed on 4 April- Failed
<b>42</b>	<b>342</b>	9	M	VC	2004	
<b>43</b>	<b>243</b>	12	M	WCBP	2002	Part of "Kaibab trio"; 1 <sup>st</sup> egg predated by ravens, 2 <sup>nd</sup> egg confirmed on 4 April- Failed
<b>54</b>	<b>354</b>	9	M	WCBP	2006	Part of 273/302/354 Trio; Est hatch date 6 May in Marble Canyon
55	455	6	F	Portland	2009	
57	257	12	M	WCBP	2002	
<b>58</b>	<b>158</b>	16	M	SDWAP	1997	Mate with 346; est hatch date 21 May, Chick <b>720</b>
61	561	3	M	WCBP	2012	
<b>62</b>	<b>162</b>	16	M	LAZ	1997	
65	265	11	M	SDWAP	2007	
<b>66</b>	<b>266</b>	11	M	SDWAP	2005	Mate with 296; est lay date 18 February by Vermilion Cliffs- Failed
68	368	8	F	WCBP	2007	
72	272	11	M	WCBP	2003	
<b>73</b>	<b>273</b>	11	M	WCBP	2003	Part of 273/302/354 Trio; Est hatch date 6 May in Marble Canyon
75	275	11	M	WCBP	2003	
79	379	8	M	Portland	2009	

<b>-6</b>	<b>296</b>	10	F	WCBP	2004	Mate with 266; est lay date 18 February by Vermilion Cliffs- Failed
-3	293	9	M	WCBP	2004	
<b>-0</b>	<b>350</b>	9	M	Battleship	2004	
01	601	2	M	WCBP	2012	
<b>02</b>	<b>302</b>	10	F	WCBP	2005	Part of 273/302/354 Trio; Est hatch date 6 May in Marble Canyon
<b>03</b>	<b>203</b>	14	M	WCBP	2001	
<b>1</b>	<b>610</b>	2	F	E.Kaibab	2011	
<b>4</b>	<b>234</b>	13	M	WCBP	2000	Mate with 280; est hatch date 30 April on Battleship formation in Grand Canyon; Chick <b>719</b>
9	409	7	F	SDWAP	2008	
<b>16</b>	<b>316</b>	10	F	WCBP	2004	Mate with 122; est lay date early March on Tower of Ra formation in Grand Canyon
<b>22</b>	<b>122</b>	18	M	LAZ	2011	Mate with 316; est lay date early March on Tower of Ra formation in Grand Canyon
<b>23</b>	<b>123</b>	18	M	LAZ	1997	
<b>26</b>	<b>126</b>	18	F	SDWAP	1999	
28	528	4	F	Portland	2011	
30	530	4	M	LAZ	2011	

**SB#** = Studbook number, sequential by hatch date. **Pb** = Lead ; \*most recent release year

<b>80</b>	<b>280</b>	11	F	WCBP	2003	Mate with 234; est hatch date 30 April on Battleship formation in Grand Canyon; Chick <b>719</b>
82	582	3	M	WCBP	2012	
83	383	8	F	WCBP	2008	
86	486	5	M	SDWAP	2010	
<b>87</b>	<b>187</b>	15	M	WCBP	1998	
88	388	8	M	WCBP	2009	
<b>89</b>	<b>389</b>	8	F	VC	2005	
<b>92</b>	<b>392</b>	8	M	Salt Cr	2005	
<b>93</b>	<b>193</b>	15	M	WCBP	1998	Part of "Kaibab trio"; genetics; confirmed 193 was sire of condor 610; 1 <sup>st</sup> egg predated by ravens, 2 <sup>nd</sup> egg confirmed on 4 April- Failed
97	297	10	F	WCBP	2005	
99	299	10	M	WCBP	2004	
L0	620	2	F	WCBP	2012	
L5	605	2	M	WCBP	2012	
L9	619	2	M	WCBP	2012	

## AZ/UT Wild-hatched Young Produced 2003-2013

(**Red** studbook #'s represent chicks that successfully fledged; **Bold Red** studbook #'s represent those chicks surviving at the time of this update; " ? " indicates unknown chick sex; **Purple** indicates breeder has died followed by year and cause of death).

[illegible]

## AZ/UT Wild Condor Lead Exposure

*Number of condors in the wild, tested for lead exposure, showing evidence of exposure, extreme exposure, and those treated with chelation therapy (2007-2011). Because the season of greatest exposure occurs towards the end of each calendar year, the sampling seasons continue into the following calendar year and are therefore represented by values from the end of one calendar year and the beginning of the next.*

<b><i>Level of Exposure<sup>1</sup></i></b>	<b><i>2007-8</i></b>	<b><i>2008-9</i></b>	<b><i>2009-10</i></b>	<b><i>2010-11</i></b>	<b><i>2011-12</i></b>	<b><i>2012-13</i></b>
In Wild	61	68	72	74	71	80
Tested	59	58	61	68	62	72
Recent Exposure Likely <sup>2</sup> (>15µg/dl)	50	46	52	49	39	54
Extreme Exposure (>65µg/dl)	14	15	20	19	11	27
Treated for lead poisoning (% <sup>3</sup> )	25 (42%)	24 (41%)	34 (56%)	24 (35%)	17 (27%)	28 (39%)

<sup>1</sup> The half-life for lead in blood is ~ 2 weeks. Blood-lead levels are but a snapshot in time relative to the continuum of an exposure event beginning when lead is ingested. Blood-lead scores represent varying levels of indicated exposure and possible treatment-response measures.

<sup>2</sup> Blood lead levels between 15-29 µg/dl require the condor to be monitored 30-64 µg/dl require the condor to be held/recapture, monitored and/or treated

<sup>3</sup> Percentage of tested condors treated for lead poisoning

## Mortality Factors

<i>Mortality Factor</i>	<i>1996-2001</i>	<i>2002-2006</i>	<i>2007-2011</i>	<i>Jan2012- July 10 2013<sup>1</sup></i>	<i>Total (%<sup>2</sup>)</i>
Lead poisoning	3	9	7	8	<b>27</b> (52)
Suspected lead poisoning	2	0	0	0	<b>2</b>
Predation	7	1	4	3	<b>15</b> (29)
Collision (power line)	1	0	0	0	<b>1</b> (2)
Collision (vehicle)	0	0	1	0	<b>1</b> (2)
Shooting	1	2	0	0	<b>3</b> (6)
Starvation	1	1	0	0	<b>2</b> (6)
Septicemia (blood poisoning)	1	0	0	0	<b>1</b> (2)
Impaction (coins)	0	0	2	0	<b>2</b> (4)
Missing	2	4	11	6	<b>23</b>
Unknown	0	2	4	5	<b>11</b>
<b>Total</b>	<b>18</b>	<b>19</b>	<b>29</b>	<b>22</b>	<b>88</b>

<sup>1</sup> Does not include condors 413 or 592

<sup>2</sup> Percentage of all diagnosed deaths since release began in 1996 is provided in parentheses (i.e., excludes missing, unknown, and suspected lead poisoning categories)

### Literature Cited

Mace, M. and the Zoological Society of San Diego. 2013. California condor international studbook.

Southwest Condor Review Team. 2007. A review of the second five years of the California condor reintroduction program in the Southwest (2002-2006). [http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA\\_Condor/2nd\\_5YR-07\\_Final.pdf](http://www.fws.gov/southwest/es/arizona/Documents/SpeciesDocs/CA_Condor/2nd_5YR-07_Final.pdf)

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